

AMENDMENTS TO THE CLAIMS

Claim 1. (Original): A microencapsulated agrochemical composition comprising an aqueous dispersion of microcapsules having material encapsulated therein wherein the material encapsulated within the microcapsules comprises (a) an agrochemical (b) a water-insoluble, bioperformance-enhancing adjuvant for said agrochemical wherein said adjuvant has little or no surfactant properties and (c) a water-immiscible solvent in which both the agrochemical and adjuvant are soluble.

Claim 2. (Original): A composition according to claim 1 wherein the adjuvant has a Hydrophile / Lipophile balance of 9 or less.

~~[4.]~~ Claim 3. (Currently Amended): A composition according to ~~[any of the preceding claims]~~ claim 1, wherein the adjuvant has the formula



and alkoxyated derivatives thereof wherein R is a branched or straight chain alkyl or alkenyl group having from 12 to 20 carbon atoms and X is hydroxy; primary, secondary, tertiary or quaternary amine; amine oxide; phosphonate; phosphate; phosphate ester; thiol; sulfoxide; sulphone; sulphonate; sulphate; a heterocyclic moiety; glucoside; polyglucoside or alkylated glucoside; sarcosinate; betaine; amidoamine; carboxylic acid; amide; ester; ether sulphate; ether amine; ether carboxylate; and ether phosphonate.

~~[5.]~~ Claim 4. (Currently Amended): A composition according to claim ~~[4]~~ 3, wherein the group -X is alkoxyated provided the HLB of the adjuvant is not greater than 9.

~~[6.]~~ Claim 5. (Currently Amended): A composition according to claim ~~[5]~~ 4, wherein the alkoxy group contains from 2 to 4 carbon atoms.

~~[7.]~~ Claim 6. (Currently Amended): A composition according to claim ~~[4]~~ 3, having an average of 1 to 2 ethoxy groups per adjuvant molecule or from 1 to 20 propoxy or butyloxy groups per adjuvant molecule.

~~[8.]~~ Claim 7. (Currently Amended): A composition according to ~~[any of claims 4 to 7]~~ claim 3, wherein R is an optionally alkoxyated branched or straight chain alkyl or alkenyl group containing from 16 to 20 carbon atoms.

[9-] Claim 8. (Currently Amended): A composition according to claim [8] 7, wherein R is an optionally alkoxylated C₁₈ branched chain alkyl or C₁₈ alkenyl group.

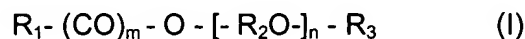
[10-] Claim 9. (Currently Amended): A composition according to claim [9] 8, wherein R is optionally alkoxylated oleyl or isostearyl.

[11-] Claim 10. (Currently Amended): A composition according to ~~[any of the preceding claims]~~ claim 1, wherein the ratio of adjuvant to the agrochemical is from 1:50 to 200:1.

[12-] Claim 11. (Currently Amended): A composition according to ~~[any of the preceding claims]~~ claim 1, wherein the agrochemical is a lipophilic agrochemical.

[13-] Claim 12. (Currently Amended): A composition according to ~~[any of the preceding claims]~~ claim 1, wherein the water-immiscible solvent is diesel oil; isoparaffin; xylene; a propyl benzene fraction; a mixed naphthalene and alkyl naphthalene fraction; a mineral oil; white oil; castor oil; sunflower oil; kerosene; a dimethyl amide of caprylic acid; a chlorinated aliphatic or aromatic hydrocarbon; the acetate of the n-butyl, ethyl, or methyl ether of diethylene glycol; the acetate of the methyl ether of dipropylene glycol; methylethylketone; isophorone; methyl or trimethylcyclohexanone (dihydroisophorone); hexyl or heptyl acetate; methyl oleate; octyl methyl cinnamate and mixtures of two or more thereof.

[14-] Claim 13. (Currently Amended): A composition according to ~~[any of the preceding claims]~~ claim 1, wherein the adjuvant has the formula (II)



wherein R₁ is a C₁₆ to C₂₀ straight or branched chain alkyl or alkenyl group, R₂ is ethyl or isopropyl, n is from 8 to 30 and m is 0 or 1 and when R₂ is ethyl, R₃ is a C₁ to C₇ alkyl group and when R₂ is isopropyl, R₃ is hydrogen or a C₁ to C₇ alkyl group.